

THE KENYA NATIONAL EXAMINATIONS BOA  
STANDARD FIVE - KNEB 2021  
MATHEMATICS

Time: 2 hrs

1. Write in figures: seven hundred and seven thousand, six hundred and seven?
  - A. 770607
  - B. 707607
  - C. 700607
  - D. 70642
2. Round off 6945 to the nearest 100?
  - A. 6940
  - B. 700
  - C. 6950
  - D. 6900
3. What is the place value of digit 5 in the number 267540?
  - A. Thousands
  - B. 500
  - C. Hundreds
  - D. Ones
4. Work out:  $62487 + 21304 + 14956$ 
  - A. 98757
  - B. 98647
  - C. 97747
  - D. 98747
5. Work out:  $3 - \frac{1}{4}$ 
  - A.  $\frac{1}{4}$
  - B.  $2\frac{3}{4}$
  - C.  $2\frac{1}{4}$
  - D.  $3\frac{1}{4}$
6. What fraction is not shaded?
  8. What do I get when I add an odd and an even number?
    - A. Odd number
    - B. Mixed number
    - C. Prime number
    - D. Even number
  9. How many days are there in the months of January, April and June altogether
    - A. 93
    - B. 91
    - C. 89
    - D. 90
  10. Multiply by 20 =
    - A. 4
    - B. 8
    - C. 40
    - D. 10
  11. What is 39 written in Roman number?
    - A. XXIX
    - B. XXXIX
    - C. XXXIV
    - D. XXIX
  12. Find the sum of all prime numbers between 20 -- 30.
    - A. 29
    - B. 23
    - C. 50
    - D. 52
  13.
 

Weeks	Days
13	4
-5	6



A. 6  
12

C. 7  
12

B. 2  
4

D. 12  
7

A. 7 weeks 10 days

B. 6 weeks 5 days

C. 7 weeks 5 days

D. 7 weeks 2 days

7. Subtract 10000  
9999

C. 1

D. 9001

A. 101

B. 19999

14. Find the area of the rectangle below.

D 10cm

25 cm

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- A. 90 cm  
 B. 90 cm  
 C. 250 cm<sup>2</sup>  
 D. 25 cm
15. How many kg sugar are in 20kg packet?  
 A. 10  
 B. 80  
 C. 2  
 D. 2
16. Work out:  $79 \times 9 =$   
 A. 911  
 B. 711  
 C. 701  
 D. 70
17. Convert  $\frac{36}{10}$  into mixed fraction.  
 A.  $7\frac{1}{10}$   
 B.  $3\frac{6}{10}$   
 C.  $5\frac{1}{10}$   
 D.  $6\frac{6}{10}$
18. Victor had sh 800. He gave James sh 315. How much was he left with?  
 A. 1115  
 B. 315  
 C. 385  
 D. 485
19. What is the G.C.D of 6 and 12?  
 A. 2  
 B. 6  
 C. 12  
 D. 3
20. A school director gave out 920 books to be shared among 46 pupils. How many books did each pupils get?  
 A. 46  
 B. 2  
 C. 200  
 D. 20
22. How many points of intersection are there in the diagram below?  
 A. 1  
 B. 5  
 C. 3  
 D. 2
23. What is  $\frac{12}{36}$  written in the simplest form.  
 A.  $\frac{24}{72}$   
 B.  $\frac{6}{18}$   
 C.  $\frac{2}{9}$   
 D.  $\frac{1}{3}$
24. Find the area of a square whose side measures 15cm.  
 A. 1125 cm<sup>2</sup>  
 B. 30 cm<sup>2</sup>  
 C. 225 cm<sup>2</sup>  
 D. 60 cm<sup>2</sup>
- $5\frac{2}{3} - 3\frac{2}{5}$   
 A.  $2\frac{1}{5}$   
 B.  $2\frac{4}{8}$   
 C.  $2\frac{2}{15}$   
 D.  $3\frac{1}{15}$
26. Round off 97213 to the nearest hundred  
 A. 97210  
 B. 97310  
 C. 97300  
 D. 97200
21. Find the L. C. M of 12 and 36  
 A. 24  
 B. 36  
 C. 12  
 D. 18

27. Work out:  $352 \div 24$

~~28.~~ A lorry carries 654 bags of maize in one trip. How many bags will it carry in 26

- A. 8448
- B. 3848
- C. 1826
- D. 16904
- E. 17004

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25.

3

29. Change 8000 m in kilometres.  
 A. 8.1 km  
 B. 800 km  
 C. 8km  
 D. 80km

30. Add
- |     |     |    |
|-----|-----|----|
| km  | m   | cm |
| 22  | 529 | 49 |
| +19 | 841 | 66 |

- A. 42km 371 m 15 cm  
 B. 42km 371 m 115 cm  
 C. 41km 370m 115 cm  
 D. 41km 1370m 115 cm

31. Work out:  $4825 + 1579$
- A. 6304  
 B. 6404  
 C. 6044  
 D. 6440

32. Find the sum of  $56184 + 8 + 3746 =$
- A. 59828  
 B. 59938  
 C. 510784  
 D. 510874

33. What type of angle is shown below?

- A. Reflex.  
 B. Acute  
 C. Obtuse  
 D. Equilateral

34. Work out the product of 30 and 24?  
 A. 6

35. What is the next multiple of 9 after 17?  
 A. 106  
 B. 108  
 C. 126  
 D. 136

36. How many cubes are used to make the stack below?

- A. 15  
 B. 45  
 C. 60  
 D. 75

37. There are 1508 pupils in a certain school. If there are 679 boys, how many girls are there?  
 A. 829  
 B. 729  
 C. 2187  
 D. 929

38. Arrange in order from the smallest to the largest  $2^3, 5^1, 4^2$

- B. 180  
 C. 54  
 D. 70

B.  $\frac{12}{2} \frac{3}{5} \frac{4}{4}$

D.  $\frac{2}{4}, \frac{1}{2}, \frac{2}{5}$

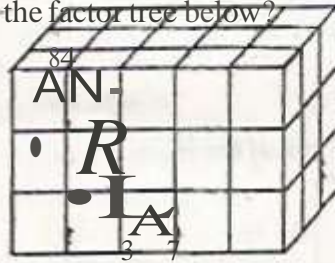
39. cover  $\frac{7}{4}$  into a decimal.

- A. 0.33
- B. 3.30
- C. 0.033

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D. 0.30

40. What is the value of the missing number in the factor tree below?



- A.  $\frac{3}{4}, \frac{2}{5}, \frac{1}{2}$
- C.  $\frac{2}{5}, \frac{1}{2}, \frac{3}{4}$



7  
t  
7

- A. 3
- B. 15
- C. 12
- D. 21

41. What is the total value of digit one in the sum of 5235 and 3942?
- A. 100
  - B. 10000
  - C. 1000
  - D. 10

42. Work out the area of the rectangle below

36cm

54 cm

- A. 180 cm
- B. 1814 cm<sup>o</sup>
- C. 900 cm
- D. 1944 cm

43. Work out:  $35 - 11.189 =$

- A. 47.189
- B. 39.118
- C. 23.189
- D. 22.811

44. Subtract 9001 from 60,000

- A. 50190
- B. 50999
- C. 40999
- D. 50909

45. What is the place value of 6 in 73.46?

- A. Tenths
- B. Thousand
- C. Ones
- D. Hundredths

4

47. Work out  $712 < 58$

- A. 40296
- B. 51296
- C. 41296
- D. 30888

48. What is the area of the square below whose side is 25 cm?

25 cm

- A. 225 cm<sup>o</sup>
- B. 625 cm<sup>o</sup>
- C. 100 cm<sup>o</sup>
- D. 50cm<sup>o</sup>

work out:  $\frac{9}{9}$   $\frac{9}{9}$

- A.  $\frac{9}{3}$
- B. 101 }
- C.  $6 - \frac{9}{3}$
- D.  $6 \frac{1}{3}$

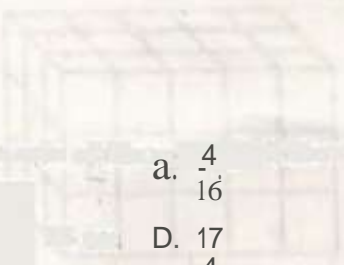
50. How many triangles can you count from the figure?

4  
6  
.  
W  
r  
i

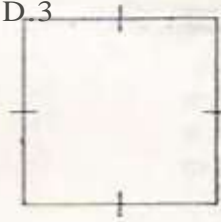
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- A. 6
- C. 5

- A.  $\frac{4}{17}$
- C.  $\frac{16}{4}$
- a.  $\frac{4}{16}$
- D.  $\frac{17}{4}$

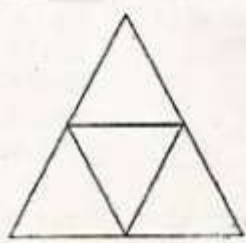


- B. 4
- D. 3



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